



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5891

SERIAL NUMBER 10/649,493	FILING DATE 08/27/2003  RULE	CLASS 331	GROUP ART UNIT 2817	ATTORNEY DOCKET NO. 5646-108
-----------------------------	---------------------------------------	--------------	------------------------	------------------------------------

APPLICANTS

Declan McDonagh, Duluth, GA;  
 Paul Murtagh, Duluth, GA;

\*\* CONTINUING DATA \*\*\*\*\*  
 NBS NONE

\*\* FOREIGN APPLICATIONS \*\*\*\*\*  
 NBS NONE

IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
 \*\* 11/25/2003

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY GA	SHEETS DRAWING 8	TOTAL CLAIMS 21	INDEPENDENT CLAIMS 3
Verified and Acknowledged	SHINGLETON Examiner's Signature Initials				

ADDRESS  
 20792  
 MYERS BIGEL SIBLEY & SAJOVEC  
 PO BOX 37428  
 RALEIGH, NC  
 27627

TITLE  
 Dynamic phase-locked loop circuits and methods of operation thereof

FILING FEE  RECEIVED 768	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue )
-----------------------------------	---	--

	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Credit

**THIS PAGE BLANK (USPTO)**